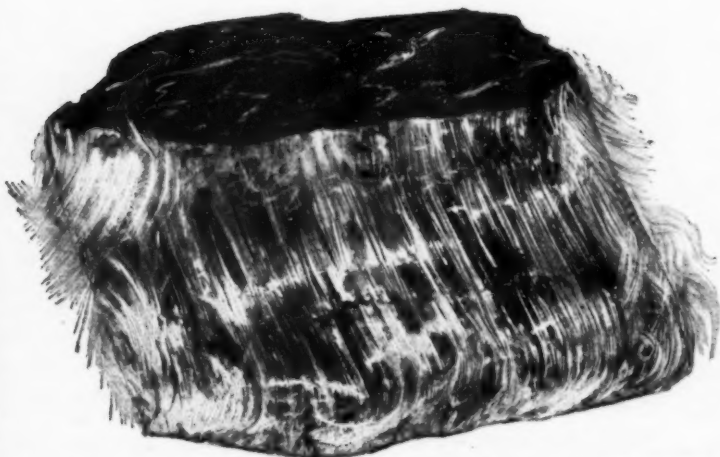


# ASBESTOS



Canadian Crude

Courtesy Asbestos Corporation Limited

DECEMBER 1960



*asbestos-cement pressure pipe*

## LAYS AS FAST AS A SHOVEL DIGS

G&B Construction, Inc., Youngstown, O., installs 4½ miles of "K&M" Asbestos-Cement Pressure Pipe for the Austintown District of Mahoning County, O.

Says Louis Gulfo, partner with Mike and James Bertilacci in G&B Construction, Inc.: "You can lay 'K&M' Pipe as fast as a shovel can dig. A 16" water pipe goes in as easy as an 8" line. What more could you ask? They've got a good joint with that FLUID-TITE Coupling . . . the pipe is wonderful to put together. Of all the 'K&M' Pipe we've laid, we've never had a coupling break."

Write today for more information on "K&M" Asbestos-Cement Pressure Pipe to: Kearsbey & Mattison Company, Ambler, Pa., Dept. P-0000.



**K&M** Kearsbey & Mattison at Ambler

# "ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED  
MONTHLY SINCE THAT DATE  
BY SECRETARIAL SERVICE  
807 WESTERN SAVING FUND BLDG.  
S. E. COR. BROAD & CHESTNUT STS.  
PHILADELPHIA 7, PENNSYLVANIA

Trust of C. J. STOVER, *Proprietor*  
E. E. COX, *Editor*

*Entered As Second Class Matter November 23, 1923, at the Post  
Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879*

---

Volume 42	DECEMBER 1960	Number 6
-----------	---------------	----------

---

## CONTENTS

## Page

CHRISTMAS 1960 .....	2
REVIEWING 1960 .....	4
AUTOMOBILE SALES .....	29
M. S. BADOLLET RETIRES FROM J-M .....	32
MARKET CONDITIONS .....	34
BUILDING .....	40
CANADA'S ASBESTOS PRODUCTS—1958 .....	42
PRODUCTION STATISTICS .....	44
IMPORTS AND EXPORTS .....	46
NEWS OF THE INDUSTRY .....	52
CURRENT RANGE OF PRICE .....	54
ASBESTOS STOCK QUOTATIONS .....	56
TOPICAL INDEX .....	60

ASBESTOS is indexed regularly by Engineering Index, Inc.

---

## SUBSCRIPTION PRICE

United States	-	-	-	\$3.00 Per Year
Canada	-	\$4.00 Per Year	Foreign Countries	- \$4.00 Per Year
Back Copies	- .35 Each	Single Copies	- (Current)	.25 Each

(Payable in U. S. Funds)

Copyright 1960, Maud M. Stover, Trustee, Trust of C. J. Stover



## Christmas 1960

As the year draws to a close, we are impelled by the custom of long standing to view collectively the persons with whom we have been in contact. We see them as a kindly group in which we, too, want to belong.

No doubt you too believe that the spirit of Christmas and the New Year helps us appreciate the true value of the friendly business folks whose loyalty makes it possible for all of us to successfully go on Christmas after Christmas and from one New Year to another.

Business has its friendships . . . many of them which gain strength as they go down through the years. Old names on the ledgers . . . old familiar letterheads in the files, old voices on the phone; all make us realize that behind every successful business there is a powerful force of friendship that gives warmth and feeling to the everyday things of life.

And so to you, one of our family of friends, we extend our most cordial Christmas Greetings. May the New Year bring you abundant good fortune and abiding cheer.



# ASBESTOS

## ASBESTOS CORPORATION LIMITED

THETFORD MINES, QUEBEC, CANADA

*Representatives in All Parts of the World*

LONDON—W. A. JANITCH    MILAN—SOC. FIBRAMIANTO ARL.  
5 LAURENCE POUNTNEY LANE    PIAZZA P. CLOTILDE 6

TOKYO—ASANO BUSSAN CO.  
6 MARUNOUCHI 1 CHOME

SYDNEY—C. H. SLADE & CO.    PARIS—GEO. PARLY & CIE.  
MYRTLE & WILEY STS.    10 RUE DE LA PEPINIERE

HAMBURG—BECKER & HAAG  
FERDINANSTRASSE 58 (HAPAG-HAUS)

BALTIMORE—  
WALLACE & GALE CO.  
15 SOUTH GAY ST.

DETROIT—  
GERALD J. FAHEY  
2591 W. GRAND BLVD.

CLEVELAND—  
C. T. SCHUSTER CO.  
3540 NORTON RD.

CHICAGO—  
THE STARKIE CO.  
5461 W. DIVISION ST.

SEATTLE—  
L. H. BUTCHER CO.  
1703 6th AVE., SOUTH

PORTLAND—  
L. H. BUTCHER CO.  
2750 N.W. 31st AVE.

NEW YORK—WHITTAKER, CLARKE & DANIELS, INC.  
100 CHURCH ST.

SAN FRANCISCO—  
L. H. BUTCHER CO.  
15th & VERMONT STS.

LOS ANGELES  
L. H. BUTCHER CO.  
3628 EAST OLYMPIC BLVD.

CINCINNATI—C. L. ZIMMERMAN CO.  
N. 303 CINCINNATI UNION TERMINAL

BUFFALO—  
JAMES O. MEYERS  
290 LARKIN ST.

MONTREAL—ALBION ASBESTOS PACKINGS LTD.  
130 BATES RD.

TORONTO—CANADIAN ASBESTOS ONTARIO LTD.  
27 FRONT ST., EAST

## REVIEWING 1960

Each year, in our December issue, it has been our custom to review the accomplishments and events of the year in the Asbestos Industry.

Worthy of special mention is the home built almost entirely of asbestos-cement. This home is the first in a series of research homes projected in a national program sponsored by the magazine "LIVING For Young Homemakers", Basic Materials Research and Design Committee and Asbestos-Cement Products Association.

A major new research development that shows promise of opening up a market for 500,000 tons of asbestos fibre each year for use in asphalt road pavings was announced by Johns-Manville Corporation.

Johns-Manville licensed The Flintkote Company to manufacture high and low pressure asbestos-cement pipe, long marketed by J-M under the trade name "Transite" and will design and engineer new Flintkote production facilities for this purpose.

The Asbestos Textile Institute had its first meeting ever to be held outside the United States in the world's asbestos center, Thetford Mines, Canada, and discussed modern techniques and processing of both asbestos and textiles, especially in nuclear power fields.

Another first for this year was the Industrial Building Exposition & Congress at the New York Coliseum, from December 12 through 15, 1960, featuring the most extensive conference ever arranged on construction of new industrial buildings and modernization of old ones.

Expansion seems to be the key word this year, for many companies have not only expanded their presently-owned facilities, but have increased their assets by means of mergers, acquisitions and opening new mines, mills and plants.

Keasbey & Mattison Company opened a new modern New York District Sales Office in the Time-Life Building in New York City. The Bauer Bros. Co. continued its long range expansion program by getting under way the expansion of the manufacturing, laboratory and research facilities at its main plant and all departments of its Canadian

Cable Address  
Asbestic, Thetford Mines

Phone: Federal  
5-9193



Mine At  
Thetford Mines, Que.

## JOHNSON'S ASBESTOS COMPANY

Mine At Black Lake, Que.

HEAD OFFICES  
THETFORD MINES, QUE.

Our  
CANADA  
S-O-S

Producers of

RAW ASBESTOS

Since 1875

S-O-S  
AGENTS

UNITED STATES GRANT WILSON, INC., 11 West Jackson Boulevard,  
CHICAGO 4, ILL.

HARDWARE PRODUCTS CO., 250 Elizabeth Avenue,  
NEWARK 6, N.J.

GREAT BRITAIN A. A. BRAZIER & CO., (Asbestos) Ltd.,  
"Avenue Lodge," Bounds Green Road,  
LONDON, N 22

JAPAN ..... IWAI & COMPANY LTD., Nishikawa-cho,  
Nihonbashi-Edobashi, CHIBA,  
TOKYO

BELGIUM ..... JOS IDE & FILS, 60, Avenue d'Auderghem,  
BRUSSELS 4

GERMANY ..... ERNEST WERNER, Import von Rohasbest,  
Katharinenstrasse 30, "Edmundhaus,"  
HAMBURG 11.

FRANCE ..... MINERAIS & METAUX,  
61 Avenue Heche, (Boite Postale 96-08)  
PARIS (8e)

Subsidiary.

Garlock, Inc. expanded the capacity of its asbestos weaving operations making it possible to begin marketing a full line of plain weave asbestos cloth.

There were quite a few acquisitions and mergers listed in our pages.

Johns-Manville Corporation entered into an agreement for the cash purchase of Franklin Plastics, Inc.

The Flintkote Company and Harry T. Campbell Sons' Corporation reached an agreement which provided for the pooling of the interests of the two companies. Flintkote acquired all the outstanding stock of The Sealzit Company for more than \$1-million in a cash transaction. Flintkote reached a basis of understanding with the Province of Newfoundland providing for the acquisition of huge gypsum reserves. Also, Flintkote stockholders approved the proposed merger of The Diamond Portland Cement Company into Flintkote.

The National Gypsum Company acquired the stock of Allentown Portland Cement Company through an exchange of shares.

Supradur Manufacturing Corporation acquired the assets, including manufacturing facilities, of the American Stained Shingle Company.

Garlock Packing Company contracted for the acquisition of Chetron Corporation as a wholly-owned subsidiary.

The Cape Asbestos Company Limited, London, England, has made an agreement with the Nippon Asbestos Company Limited of Tokyo, Japan, to manufacture its "Caposite" amosite asbestos pipe sections and blocks in Japan.

The following are the Asbestos mines and mills mentioned during the past year.

Emsco Mine, presently owned by Metate Asbestos Corporation and formerly owned by the Fibre Metal Products, Inc., will be a major producer of soft crudes and filter fibre from the Arizona district.

Baie Verte Asbestos Mines—A great deal of development work has already been done by Advocate Mines Limited, which holds the concession from the Newfoundland Government. A four-company team comprised of Canadian

# CAPE BLUE ASBESTOS

Direct from the Mines or from  
stocks in London

•

TRANSVAAL BLUE • AMOSITE  
CHRYSTILE • ANTHOPHYLLITE

•

*Processing of all grades of Asbestos  
carried out in our London Works.*

•



## CENTRAL ASBESTOS Co., LTD.

ABBEY WORKS • ABBEY STREET • LONDON S.E.1  
'Phone BERMONDSEY 3864 Cables CENBESTOS LONDON  
CENTRAL ASBESTOS (S. A.) PTY LTD. P.O. BOX 10213 JOHANNESBURG

Johns-Manville Company, Patino of Canada, Amet Corporation and Financiere Belge de l'Asbeste-Ciment S.A. has made an agreement with Advocate's President to take over financing and operations of the company.

The Clute Company has completed negotiations to finance the first phase of construction of a 1,000 ton a day asbestos mill in northern California. This new mill is a part of a one-million dollar expansion to be built at the open pit mine site of Clute's wholly-owned subsidiary, Asbestos Bonding Corporation, located near Napa, California.

An improved type of Hammer Mill was developed by Barberton Iron and Steel (Pty) Limited specifically for the asbestos mining industry.

A few new plants were mentioned in "ASBESTOS".

A new plant located in Kuala Lumpur, Malaya, was announced by Malayan Nozawa Asbestos Cement Company Limited, and will produce asbestos-cement small and large corrugated sheet and flat sheet.

Keasbey & Mattison held ground breaking ceremonies marking the start of construction of a new, modern multi-million dollar asbestos-cement pipe manufacturing plant on the 50-acre plant site at Hillsboro, Texas.

Flintkote announced plans for a new multi-million dollar corrugated container plant to be built at Magnolia, Mississippi.

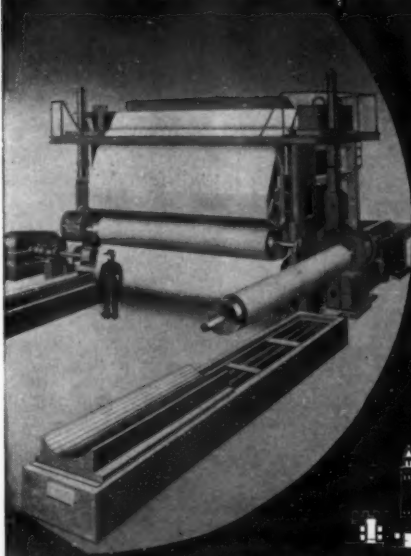
Johns-Manville opened a multi-million dollar asphalt and vinyl asbestos floor tile plant at Chillicothe, Ohio, on October 11th, 1960.

Caposite Insulations Limited of Sarnia, Ontario, Canada, formed by The Cape Asbestos Company Limited's Canadian Subsidiary, is opening up a factory and plant in Vancouver, for the manufacturing of "Caposite" pipe sections.

Murray Mining Corporation Limited announced a new, major discovery of asbestos in the Northern Ungava region of Quebec, Canada.

Among the many anniversaries this past year, National Gypsum Company commemorated the 25th anniversary of its founding with the publication of a book, entitled, "Design for Growth", containing the exciting history of an

**PLANTS TO MAKE ASBESTOS CEMENT  
LOW AND HIGH PRESSURE PIPES**



Fully automatic plants  
to make Socketed Pipes

Plants for making  
Asbestos Cement Pipes  
for OIL PIPELINES

Modern plants for  
making Asbestos Cement  
corrugated, flat and  
flexible SHEETS

Automatic corrugating  
and stapling machines

Presses up to  
10,000 tons pressure

Plants to make Shingles

Plants for making  
SILICA CEMENT  
Steam Hardening



**ASBESTOS CEMENT  
ENGINEERING**

Hauptstraße 26  
VADUZ LIECHTENSTEIN  
(Switzerland)  
P. O. Box 31.645

PLANTS PROJECTED DELIVERED AND STARTED • PARTICIPATIONS  
TAKEN • FINANCING ARRANGED • AGENTS REQUIRED

American business.

Johnson's Company Limited, to celebrate its 85th anniversary, produced a very attractive booklet outlining the highlights of its history and describing, in a non-technical manner, how asbestos is produced.

The United States Bureau of Mines, a leader in scientific development and conservation of U. S. mineral resources since 1910, was fifty years old on July 1st, 1960.

The Robert A. Keasbey Company observed the 75th anniversary of its founding.

On the occasion of its 25th anniversary, Asbest-Cementindustrie "Asbestona" N.V. exhibited its asbestos-cement products at the Industrial Fair in Utrecht, Holland.

Arthur I. Rank, Sr., President of Universal Insulation Company, celebrated his 50th anniversary in the Insulation business.

The Ruberoid Co. began business on October 20th, 1886, and held ceremonies marking its 74th anniversary at twenty company plant locations throughout the United States.

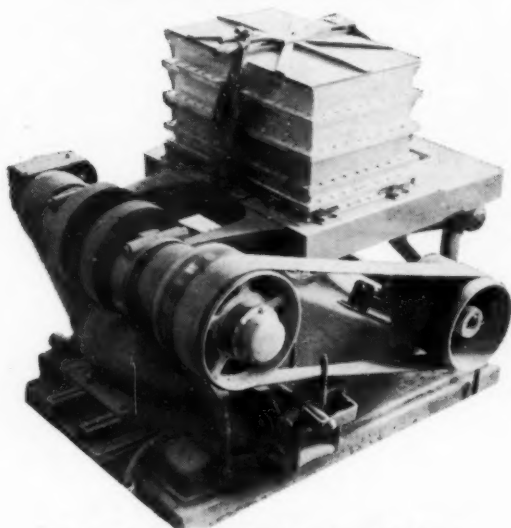
We recorded the following name changes in our pages: Asbestos Contractors New England Association changed the name of its organization to the Asbestos Contractors Boston Association; Scandinavia Belting Company changed its name to Scandura, Inc.; and, Garlock Packing Company changed its corporate name to Garlock, Inc.

Many companies were the recipients of safety awards presented by the National Safety Council. Three successive Awards of Honor, the highest citation of its type offered to industry, was received by Union Asbestos & Rubber Company. The Award of Merit was presented to the men and women working at the Johnson's Company Limited mine in Thetford Mines for working from July 1958 to December 1959 without a single lost-time accident. A walnut and silver plaque for a perfect safety record in 1959 from the Asphalt Industry Bureau was awarded Keasbey & Mattison Company.

Other awards mentioned in our pages included: The Universal Asbestos Manufacturing Company Limited was awarded a Certificate of Merit for its entry in Class 1



# **ASBESTOS FIBRE QUALITY CONTROL**



**The Quebec Standard Testing Machine**

## **WE MANUFACTURE OR SUPPLY THE FOLLOWING MILL LABORATORY EQUIPMENT**

**QUEBEC STANDARD TESTING EQUIPMENT**

**SURFACE AREA APPARATUS**

**ROTAP SIEVE SHAKERS**

**ROTEX SCREENS**

**OVENS**

**COMPLETE DIAMOND DRILL CORE AND BULK SAMPLING PLANTS**

**CRUSHERS**

**FIBRE FLUFFERS**

**MOISTURE TELLERS**

**SCALES AND BALANCES**

**MAGNETIC RATING ANALYSERS**

**Lynn MacLeod Engineering Supplies Ltd.**

**THETFORD MINES, QUEBEC, CANADA**

(manufacturers' own literature) in the 1959 Trade and Technical Literature Competition; Armstrong Cork Company was awarded the Certificate of Exceptional Merit in the 1960 Building Products Literature Competition, as well as a Certificate of Merit for its 1960 Sweet's Catalog insert on acoustical ceiling tiles and a Certificate of Honorable Mention for its two-volume set on basic flooring types for commercial and residential interiors. Keasbey & Mattison Company's annual Drexel Institute of Technology scholarship was awarded to Joel Lipkin, 1960 Class of Ambler High School, Ambler, Pennsylvania.

During the past twelve months, "ASBESTOS" mentioned many new and improved materials and products.

Two products manufactured by Baldwin-Ehret-Hill, Inc. were, *Thermalite 85% magnesia* and *Thermasil calcium silicate*.

*Thermaform* for walls and *Thermaslab* for concrete floors are two new products made of special insulating materials and were developed by National Gypsum Company.

*Zebra*, a multi-layer, sectional type thermal insulation primarily composed of calcium silicate-asbestos fibre bonded felts, was developed by Keasbey & Mattison Company. K&M also introduced four types of plastic pipe: Polyethylene Plastic Pipe, "PVC" normal-impact Polyvinyl Chloride; "ABS" Acrylonitrile Butadiene Styrene; and, High-Impact Styrene-Alloy Sewer Pipe.

Turnall "*Colourglaze*" is the name released by the Atlas Asbestos Company Limited for their new line of coloured asbestos-cement building materials. *Kalsil* and *Kalfelt*, two new high temperature insulations manufactured of calcium silicate and asbestos fibre, were placed on the market by Atlas Asbestos. Also, Atlas announced that asbestos-cement Pressure and Sewer Pipes are now being manufactured in sizes up to 16" in diameter and are marketed under the trade name "Turnall".

*Unarcoboard*, a completely new, inorganic insulating sheet material, was announced by Union Asbestos & Rubber Company.

*Classic Minaboard*, a new acoustical ceiling material,

# CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE  
Norbestos (via Warwick)  
Que.

*Address Inquiries to:*

## NICOLET INDUSTRIES, INC.

ASBESTOS FIBRE DIVISION

Nicolet Avenue

Florham Park\*, New Jersey

\*Suburb of New York City.

was introduced by Armstrong Cork Company.

*Thermomat*, a newly developed moulding compound, was a new product of the Johns-Manville Corporation.

Two new Asbestos Float Grades designated *7RF-9* and *7TF-8*, for use as reinforcing fillers in plastics, was announced by Carey-Canadian Mines, Limited

*Calsilite-Hi*, a new thermal insulation that withstands soaking heat up to 1800°F. indefinitely and has the added advantage of being an industrial fireproofing material, was developed by The Ruberoid Co.

Retirement of a few of the prominent men in the Asbestos Industry were recorded during the past year. D. W. Widmayer, Vice President, Marketing Consultant and member of the Board of Directors of Keasbey & Mattison retired December 31, 1959. Boutwell H. Foster, inventor of textile fabrics and process improvements, retired from U. S. Rubber December 31, 1959. R. M. Waples, who will continue as a member of the Board of Directors, retired from active service as Chairman of the Board of Garlock, Inc. Charles C. Congdon retired as a Director of Garlock Inc. William M. Dougherty retired as Secretary of U. S. Rubber Company. Howard C. Simpson, Manager of Floor Product Sales Industrial Division, Armstrong Cork Company, retired April 1, 1960. E. F. Boyle, General Manager of Johns-Manville's Dutch Brand Division, retired after 44 years of service. Walter S. Hamme, Southern Division Manager, Industrial Sales, National Gypsum Company, retired July 1, 1960. Dr. Hubert R. Snoke, Assistant Chief of the Building Technology Division and Chief of the Floor, Roof and Wall Coverings Section of the National Bureau of Standards, retired from active service on July 31, 1960. John W. McGovern, who will continue as a member of the Board of Directors and Executive Committee, retired as President and Chief Operating Officer of U. S. Rubber November 1, 1960. M. S. Badollet, Chief of the Asbestos Fibers Section of the Johns-Manville Research Center, retired December 1, 1960.

"ASBESTOS", during the past year, has recorded with deep regret, the deaths of the following men in the Industry: Ludwig C. Boos, General Manager of the Inter-

# **NEEDED FELTS ARE DRYCOR'S SOLE PRODUCT**

Since 1935 originators and world's largest  
exclusive manufacturers

of

**Needled Felts**

for

**ASBESTOS CEMENT PRODUCTS**

Siding

Sheets

Pipe

Asbestos paper

Millboards

Balanced synthetic contents

**DRYCOR FELT CO.**

**STAFFORDVILLE**

**CONNECTICUT, U. S. A.**

national Division of United States Rubber Company—December 7th, 1959; Elbert A. Hamilton, retired Sales Executive of Raybestos-Manhattan, Inc.—January 6th, 1960; Edmund R. Teubner, Jr., founder and Chairman of the Board of the Philadelphia Asbestos Company—March 1st, 1960; Louis Roydon Hoff, retired Vice-President of Johns-Manville Corporation—March 20th, 1960; James Coalter Crawford, Jr., Senior Engineer of Johns-Manville Corporation—March, 1960; Harmon C. Kinney, Plant Engineer for Keasbey & Mattison Company—April 22nd, 1960; Albert Whitelaw, retired Executive of the Manhattan Rubber Division of Raybestos-Manhattan, Inc.—April 24th, 1960; Franklin A. Miller, retired Director of Marketing and Merchandising of Raybestos-Manhattan, Inc.—May 18th, 1960; Francis J. Wakem, retired Vice-President of Johns-Manville Corporation's sales division in New York City—May 29th, 1960; Charles A. Saitta, President of the Asbestos Corporation of America—June 12th, 1960; Arthur F. Moore, "Doc", retired Manager of the Asbestos Department of The Philip Carey Manufacturing Company—June 19th, 1960; Vincent A. Spina, Director and retired Treasurer and General Manager of Scandura, Inc.—June 27th, 1960; George S. Smith, Vice-President and Director of Engineering of Johns-Manville Corporation—September 5th, 1960; Donald F. Fraser, Vice President—Manufacturing of Garlock Inc.—September 12th, 1960; Robert Abbott, recent Raybestos-Manhattan Director and President and General Manager of Raybestos-Manhattan (Canada) Limited—October 9th, 1960; and, A. S. P. Sangster, General Works Manager of Wunderlich Limited. These men will be greatly missed by their friends and associates.

There were many personnel changes and promotions recorded in our pages during the past year—far too many to list in this brief review; however, following are some of the top executive appointments.

J. D. Gunther, Vice President of Air Reduction Company, Inc. and Lyle L. Shepard, President of Columbia Carbon Company were elected Directors of The Ruberoid Co. Seymour Milstein was elected as a Vice President and member of the Executive Committee of Ruberoid.



## Ruberoid Asbestos Fibres

*A major supplier of quality controlled chrysotile fibres for:*

- Textiles
- Compressed Sheets
- Brake Linings
- Gaskets
- Plastics
- Shingle Stock
- Asbestos Papers
- Insulating Cements
- Floor Tiles

Mine located in Lowell, Vermont.

For full information write or call:

**The RUBEROID Co.**®

ASBESTOS FIBRES DEPARTMENT  
500 Fifth Avenue, New York 36, N.Y.

*Export Distribution handled exclusively by:*

**Columbian Carbon International Inc.**  
380 Madison Avenue, New York 17, N. Y.

Thomas A. Dougherty, Jr. was named Assistant to the Vice President—Production of Keasbey & Mattison Company. Norman L. Barr was elected Vice President—Sales and a member of the Board of Directors of K&M. George Barge, a member of K&M's Board of Directors, was elected Vice President—Finance. Albert F. Humlhanz was elected Treasurer of K&M. Ralph L. Lanz was elected to the executive post of Vice President—Materials and a member of the Board of Directors.

R. F. Orth was elected a Senior Vice President of Johns-Manville Corporation. Francis H. May, Jr. was elevated to J-M management at New York as Assistant Vice President for Finance. Don L. Hinmon was elected a Senior Vice President of J-M and later this year was appointed to the newly-created office of Senior Operating Vice President to administer three J-M operating Divisions.

The Flintkote Company announced several executive changes: Gerald Gilligan—head of the new Market Research Department; Howard Graham—assistant to Mr. Gilligan; Tom McDonald—Assistant to the Vice President for Sales; James D. Moran, Assistant Vice President of Flintkote—Vice President and General Manager of The Sealzit Company; and, H. W. Muter—Vice President and General Manager of The Flintkote Company of Canada Limited. Also, Flintkote named the following men as Vice Presidents (all are operating heads of Flintkote Divisions): Kennedy Ellsworth; W. L. Davis; Wm. Wallace Mein, Jr.; Noel J. Redmond; and, H. J. Robertson.

Paul D. Japp was named Vice President of the Insulation Division of The Philip Carey Manufacturing Company.

Kenneth F. MacLellan, former Chairman of United Biscuit Company of America, was elected Chairman of the Board of Directors of Union Asbestos & Rubber Company. Robert E. Shamburg was promoted to Vice President of UNARCO's Espro Tubing Division. Beryl G. Metzger was appointed Vice President of the Material Handling Division of UNARCO. Raymond W. Howell was named Vice President—Steel Fabricating. Robert M. Covert was named Vice President—Hand Brake Division of Union Asbestos.

Joseph B. Fagot, General Manager of Organization



Cable address: Tessibre Salemarasino Italy  
Telephone: 3 and 16 Sale Marasino (Brescia) Italy

## Industrie Tessili Bresciane S. p. A.

SALEMARASINO (Brescia) ITALY

*producers of well known conventional and special asbestos-cement plates-pipes-felts call the attention to their widely experienced "CONVERTIBLE FELTS" being transformable from flat to endless belt and viceversa, by a non metallic incorporated seam, Zatti's patents allowing:*

- the instantaneous extraction of joining-wire to render flat the felt; (5 seconds!)*
- the quick mounting of biggest pipes-felts on machine (10 minutes!) without removing and replacing any machine components;*
- the very rapid joining of terminal edges of felts after mounting on machine; (5 minutes!)*
- the beginning of pipes production is no longer than 15 minutes totally, after application of each felt;*
- better stability, performance, highest wearing resistance and lasting than those of conventional ones.*



*Kindly ask for information and offers!*

*A wide experience at disposal of asbestos-cement Industry!*

and Personnel for Fibreboard Paper Products Corporation was elected a Vice President. Vern H. Talcott was elected an Assistant Secretary of Fibreboard. William L. Keady relinquished his duties as President of Fibreboard but continues as a Director and is in charge of the company's foreign operations. E. W. Carey was elected President and Chief Executive Officer of Fibreboard.

Orvald A. Gratias was appointed as a Director and Executive Vice President of Atlas Asbestos Company Limited, Montreal, Canada. Later this year, Mr. Gratias was appointed President of Atlas succeeding Charles H. Jackson, who retired as President for reasons of health but will continue in a consulting capacity.

Joseph N. Kuzmick was elected a Director of Raybestos-Manhattan, Inc. R. B. Hazard, Vice President and Sales Manager—Rubber and Packings, was also elected a Director of Raybestos-Manhattan.

Scandura, Inc. appointed two new executives—C. Brown Whitley, Vice President and General Manager, and, Charles P. Miller, Treasurer.

The Bauer Bros. Co. made the following executive appointments: Edward L. Rastatter, Vice President—Sales; James E. Irvine, Vice President—Engineering; Ronald G. Goodwin, Vice President—Pulping Development; Thomas T. Cowhey, Vice President and General Manager of The Bauer Bros. Co. (Canada) Limited; Richard R. Dill, Manager of Sales—Industrial Equipment; and, Anton J. Horstman, Assistant to the Administrative Vice President.

Four new senior executive appointments were announced by Wunderlich Limited, Sydney, Australia: E. G. Scott, Finance Director; N. G. Barclay, Secretary, W. J. Scottford, Manufacturing Division Manager; and, F. C. R. Waters, Marketing Division Manager.

Edward R. Stevens was elected President and Alvin M. Ehret, Jr. was elected Chairman of the Board of Baldwin-Ehret-Hill, Inc. William H. Hill resigned as Chairman in order to devote full time to B-E-H's growing foreign operations.

Alexander S. Basil was appointed as President of Rockbestos Wire and Cable Company, Division of Cerro de Pasco Corporation.

All that the name implies

# HUYTUF

## NEEDED FELTS

- Last longer
- Start faster
- Increase production
- Improve product quality
- Lower felt cost
- Make optimum use of synthetics

For the complete story  
talk to your Man-from-Huyck  
or write us today.



Huyck Felt Co.,  
Rensselaer, N. Y.;

Aliceville, Ala.;

Division of F. C. Huyck & Sons

In Canada: Kenwood Mills Ltd.,  
Auriprior, Ontario.

**NEW**

# HUYCK FELTS

★ INDUSTRIAL FABRICS

FIRST IN QUALITY • FIRST IN SERVICE SINCE 1870

George R. Vila was elected President and Chief Operating Officer of United States Rubber Company succeeding John W. McGovern, who retired as President after 40 years of service in the company. Granville T. Pownall was elected Secretary of U. S. Rubber.

Donald Gaudion was elected a Director of Garlock Inc.

British Belting and Asbestos Limited appointed P. H. A. Mount, D. M. Pearson, J. H. Fenton and C. M. Fenton as Directors.

Colon Brown was elected Vice President in Charge of Corporate Development of National Gypsum Company.

"ASBESTOS" has mentioned numerous publications of a very interesting and informative nature. Following are the booklets received and noted: "Discount Tables for Pipe Covering Block" published by Holmes Foundry Limited's Insulation Division; "Asbestos Millboard" from Turner Brothers Asbestos Company Limited; Asbestos Corporation Limited published the history and description of their products in booklet form; "Quiet Please", describing sound conditioning materials, from Armstrong Cork Company; "Asbestos and Asbestos-Cement Products" from Turners Asbestos Cement Company Limited; "Automobile Facts and Figures", 1960 edition, published by the Automobile Manufacturers Association, Inc.; "Electron Micrographs of Asbestiform Minerals", by Charles W. Huggins, Report of Investigation No. 5551 put out by the U. S. Bureau of Mines; and, the 14th edition of the "Foreign Commerce Handbook", is available from the Chamber of Commerce of the United States (Price—\$2.00).

Some very instructive and enlightening articles were mentioned in our pages: "Determination of the Thermal Properties of Roof Structures", by C. Wood, appeared in the June 1959 number of The Journal of the Institution of Heating and Ventilating Engineers; "Fused Silica Fibres For Use At High Temperatures", by C. Z. Carroll-Porczyński, appeared in the March 1960 number of Engineering Materials and Design; "Profit Potentials in Asbestos Under World-Wide Expansion", by W. E. Greening, appeared in the May 7, 1960, issue of The Magazine of Wall Street; and, "No Other Built Up Roof Like This One!"



large ore reserves

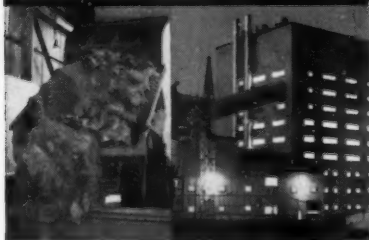
## *This is Carey-Canadian Asbestos* from mine, to mill, to market

*Here is your dependable source for the highest quality asbestos,  
consistently uniform from shipment to shipment.*

Complete information on Carey-Canadian Asbestos can be  
obtained by writing:

Carey-Canadian Mines Ltd., P. O. Box 95, Cincinnati, Ohio or  
Carey-Canadian Mines Ltd., East Broughton Station, P. Q., Canada

modern milling methods . . .  
exact quality control



swift flow of quality fibres  
and shorts to the market



appeared in the November 1960 issue of the American Roofer & Building Improvement Contractor.

Baldwin-Ehret-Hill, Inc. published its first catalog since the merger of Baldwin-Hill Company with Ehret Magnesite Manufacturing Corporation—this catalog contains B.E.H.'s full line of over thirty industrial insulations. Green, Tweed & Company published three catalogs during the past year: revised catalog and price list offering extensive information on its 14 distinctive types of Palmetto Packings; catalog and price list describing and illustrating the Palmetto line of gasketing and gaskets; and, a catalog and price list on Palmetto molded packings (MP-160). "Sprayed 'Limpet' Asbestos" is the title of a 12-page catalog by Atlas Asbestos Company Limited. The U.A.M. Group published its first four catalogs using the new catalogue system: Standard Six Corrugated Asbestos Cement Sheeting; Improvements on Asbestos Cement Fort Sheets; Universal Canada Tiles; and, Magnum Sheets.

Also mentioned in "ASBESTOS" were the following books. "Asbestos: Its Origin, Production and Utilization", (second edition), by W. E. Sinclair (Price—\$10.50). The 1960-1961 edition of "National Fire Codes" was published by the National Fire Protection Association—seven cloth-bound reference volumes (\$7.00 per volume, \$40.00 for the set of seven). 1959 Supplements to the "1958 Book of ASTM Standards", published by the American Society For Testing Materials—contains new standards and revisions adopted in 1959. "1959 ASTM Proceedings, Volume 59, also published by ASTM—records the technical accomplishments of the year (\$12.00). 11th volume, "Techniques of Plant Maintenance & Engineering—1960" was published by Clapp & Poliak, Inc. (\$10.00). "Industrial Architecture: An Analysis of International Building Practice" published by F. W. Dodge Corporation. "Manual of Man-Made Fibres" by C. Z. Carroll-Porczynski, was published by Astex Publishing Company, Guildford, England (Price—29 shillings).

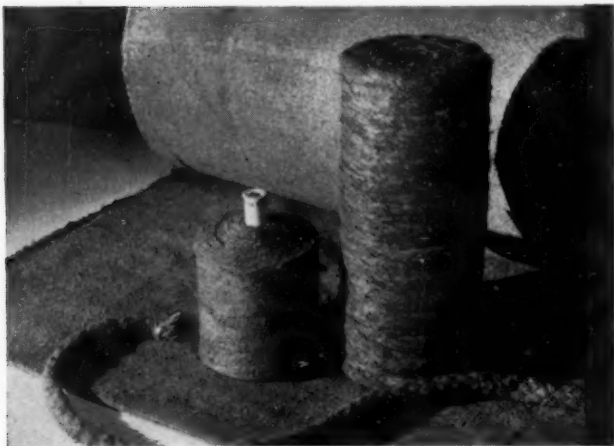
The National Safety Council published the 1960 edition of its statistical yearbook, entitled "Accident Facts".

There were two bulletins mentioned in our pages. One was "Bulletin P-33", describing the new No. 564 Pressure

# NORAMITE

## ... Crocidolite and Amosite Asbestos Products for Reinforcement of Plastics

Noramite identifies a group of new products which greatly extend the range of properties normally available in reinforcing fibers. Noramite products, all based on Amosite or Crocidolite asbestos, include prepared fibers, rovings, ropes and fabrics. Greater chemical resistance, higher moduli, and greater heat resistance are among the principal advantages of Noramite products.



*In the United States*

**NORTH AMERICAN ASBESTOS CORPORATION**  
Board of Trade Building • Chicago 4, Illinois



*In Canada*

**CAPE ASBESTOS (CANADA) LIMITED**  
200 Bloor Street East • Toronto, Ontario

Subsidiaries of The Cape Asbestos Company, Ltd., London

Feeder of The Bauer Bros. Co. The second mentioned was the "Asbestos Bulletin" published bimonthly by the Astex Publishing Company (Proprietors: Textile Improvements Limited)—provides abstracts of periodical articles and patent specifications on the science, technology and application of asbestos-based materials (Price—£9-15s, annually).

Johnson's Company Limited published the last of a series of twelve folders, entitled, "Talks About Canada". This folder covers the various aspects of Canadian life and is printed in four languages—English, French, Spanish and German. The Dominion Bureau of Statistics, Ottawa, Canada, has made available a ten-page folder entitled, "The Asbestos Products Industry—1958" (Price—25¢).

An illustrated four-page brochure was issued by Lead Industries Association, entitled "Current Practice in Isolating Buildings from Vibration with Lead-Asbestos Pads", (AIA No. 39D). The Philip Carey Manufacturing Company published a four-page brochure (Form 6451) which lists all types of Carey industrial insulations and insulating cements. Carey also issued a new six-page brochure (Form 6472) entitled "Carey Calcium Silicate Pipe and Block Insulation". Turners Asbestos Cement Company Limited released a 14-page brochure, entitled "Sprayed Limpet Asbestos—Heat and Sound Insulation".

A revised list dated January 4, 1960 of Canadian Specifications is available from the Canadian Government Specifications Board of the National Research Council, Ottawa, Canada, "Specification and Drawings for Quebec Standard Asbestos Testing Machine, Model No. 2 1938—No. 3470, included in this list, are obtainable for \$25.00.

The Superintendent of Documents, U. S. Government Printing Office, has made available Preprints of the Asbestos Chapter from the 1960 edition of Mineral Facts and Problems (Price—10¢), and, the 1959 Preprint of the Chapter on Asbestos from the U. S. Minerals Yearbook (Price—10¢).

The 1960 edition of "The Mining Journal Annual Review", a unique continuing record of the progress of mining throughout the world, is obtainable from The Mining Journal (Price—\$3.00).



# High grade asbestos fibers produced to your needs



Shingle and siding stock, floor tiles, brake linings, insulating coatings, pipe or plastics — name your product—Flintkote's research laboratories are completely equipped to determine and recommend the grade and characteristics of asbestos fiber your product needs. Flintkote Mines extensive facilities mill fibers to meet every requirement!

If asbestos fiber is a factor in your manufacturing process, call or write Flintkote for a quick answer to any problem.

## Flintkote Mines, Ltd.

(Subsidiary of the  
Flintkote Company)  
Thetford Mines, P.Q.,  
Canada · New York  
Office: 30 Rockefeller  
Plaza, New York 20, N.Y.



· Toronto Office: 30th  
Street, Longbranch,  
Toronto, Ont., Canada  
· London Office: Adam  
House, 1 Fitzroy Square,  
London W-1, England

Some very stimulating films were made available this year. "Asbestos—A Matter of Time", (16-mm., color, sound; 20 minutes, 5 pounds), produced in cooperation with the Johns-Manville Corporation. "Communication for Safety" is the title of a series of four training films released by the National Safety Council. "The Magic Mineral", is a 12-minute film shot on location at Bell Asbestos Mines, Johnson's Company Limited, Atlas Asbestos Company Limited, and Asbestos Corporation properties. "A Letter To Moscow", a 28-minute color, 16-mm., motion picture, sponsored and distributed by the Armstrong Cork Company as part of its centennial observance.

So reads the record for 1960. We believe that "ASBESTOS" has performed a real service for the Asbestos Industry during the past year. You have made this possible by your cooperation in sending us news of interest and in answering the queries put to us by our readers. We are constantly striving to build up monthly, by means of our magazine, a complete history of the Asbestos Industry—for present edification and future reference.

At the close of another year, we again realize how much your friendship and goodwill have meant to us and we welcome this opportunity to thank you and to wish you all the best for Christmas and the coming year.

---

THE CAPE ASBESTOS COMPANY LIMITED, of London, England, is setting up a plant for the manufacture of "Caposite" in Canada. Caposite Insulations Limited of Sarnia, Ontario, which was formed in 1956 by Cape's Canadian subsidiary, Cape Asbestos (Canada) Limited, in partnership with Holmes Foundry Limited, are shortly to open up a factory in Vancouver. "Caposite" pipe sections will be manufactured here and supply the big demand for insulation materials from the growing industries of British Columbia.

## AUTOMOBILE SALES

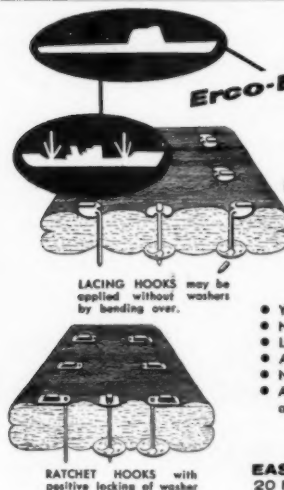
September 1960

Passenger Cars .....	386,694
Motor Trucks .....	77,038
Motor Coaches .....	211
	<hr/>
	463,943

In September 1959, a total of 309,117 motor vehicles were sold. In the nine months of 1960 the total was 5,864,417.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

---



**Erco-Bergen HOOKS**

LOW COST FASTENERS FOR REMOVABLE TYPE INSULATING BLANKETS.

• Used extensively by contractors & ship-builders on TURBINE BLANKETS, VALVE & FLANGE COVERS, PUMPS, EXHAUST MANIFOLDS

- Yards report over 200% labor savings
- Neater appearance
- Long lasting
- Available in cadmium plate or stainless steel
- No special tools required
- Authorized distributor outlets throughout U.S. and Hawaii

Available in three sizes 2 1/2" - 4" - 7"

Tel. IV 9-0700

**EASTERN REFRACTORIES CO., Inc.**  
20 Flanders Road Belmont 78, Mass.

LACING HOOKS may be applied without washers by bending over.

RATCHET HOOKS with positive locking of washer



**J-M Asbestos Tubing**  
selected asbestos yarn  
braided into flexible,  
fireproof, chemical-  
resistant sleeving.  
Inside diameters 1/64"-  
2 1/2". Plain or  
wire-inserted.



*An important "plus" in J-M Asbestos FIBRES or TEXTILES...*

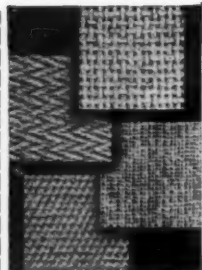


Imagine—asbestos fibres some 1500 times finer than  
a human hair . . . controlled to meet strict grading  
requirements and over 20 textural classifications!



#### **J-M No. 55 Tape**

silicone-impregnated asbestos, cuts costs of fireproofing electrical cable . . . repels water . . . resists oil, fungus, mold, rot . . . and is non-sagging.



#### **J-M Asbestos**

**Cloth** uniform textures from light-proof to open weave. Exceptional resistance to heat, flame, chemicals. In all standard grades.

## **QUALITY**

**is carefully controlled at Johns-Manville**

Some of the most comprehensive quality standards ever devised by industry assure that all 60 or more grades of Johns-Manville crude and milled asbestos—and the asbestos textiles made from them—are *exactly* as defined.

Day in and day out, in every step of production, continuous testing is run to measure and control a score of properties. Wet and dry volumes, adsorption levels, settling rates, grit removal, density and degree of fiberization—nothing escapes the eye of J-M Quality Control.

This unrelenting attention to product detail explains the high acceptance of Johns-Manville in asbestos fibres today. It also helps explain how asbestos textiles and products fabricated from these raw materials can meet the highest standards.

**For FIBRE literature** write Asbestos Fibre Division, Box 1500, Asbestos, Quebec, Canada.

**For TEXTILE literature** write Asbestos Textiles Department, Box 14, New York 16, N. Y.

## **JOHNS-MANVILLE**



## M. S. BADOLLET

### Retires from Johns-Manville

Marion S. Badollet, of Plainfield, New Jersey, Chief of the Asbestos Fibers Section of the Johns-Manville Research Center in Manville, New Jersey, retired on December 1st, 1960, after 31 years with the company.

Mr. Badollet, a recognized authority on asbestos fiber throughout the world, is a contributing author in numerous books and encyclopedias including the Book of Knowledge, the Encyclopedia of Chemical Technology, the Encyclopedia of Chemistry, the World Book Encyclopedia, and the Modern Plastics Encyclopedia. He has written many technical papers, chiefly on the properties and use of asbestos, which have been published in this country and in Canada, and he has often been asked to address service clubs, teachers' groups, and professional societies. His name and his publications are frequently quoted in references and bibliographies.

Mr. Badollet holds U. S. patents on coated diatomaceous earth for filtering hydrocarbons, a water-repellent composition suitable for fillers in asbestos-paper manufacture, treating diatomaceous earth, colored asbestos products such as paper, and asbestos products in sheet form. He is co-holder of patents on permanent colorimetric standards for hydrogen-ion determinations, an apparatus for measuring the turbidity of sugar solution, and partially dehydrated chrysotile fiber.

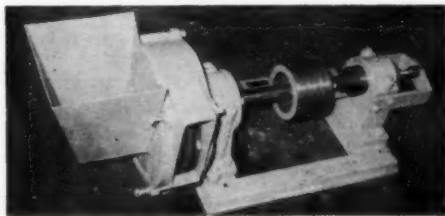
Born in Vincennes, Indiana November 27, 1895, Mr. Badollet studied at Vincennes University and at the Missouri School of Mines and Metallurgy, where, after service with the Army Engineers and Chemical Warfare from 1917 to 1918, he received a B.S. in chemical engineering in 1920 and an M.S. in 1921. In 1926, the University of Missouri awarded him an honorary degree in chemical engineering.

From 1921 through 1923, Mr. Badollet taught analytical chemistry at Pennsylvania State College, after which he spent five years as a research chemist and sugar technologist with the Carbohydrate Laboratory of the U. S. Department of Agriculture. He joined the Celite Company,

later acquired by J-M, in Lompoc, California, in 1929 and was transferred to Manville to do research on Celite the same year. He was Section Chief of J-M's Asbestos Fibers Research Section since 1939 and was responsible for the development of many test methods adopted by the asbestos industry here and abroad. He is familiar with the varieties, geology, mining and milling of asbestos as well as uses of asbestos in various products and his symposium of articles on asbestos is widely used by industry and schools.

Mr. Badollet, who is a licensed professional engineer of the State of New Jersey, is a member of the American Chemical Society, the National Society of Professional Engineers, the Chemists Club of New York, and the Canadian Institute of Mining and Metallurgy. He is a fellow of the American Institute of Chemists and of the Geological Association of Canada. He is a member of J-M's Quarter Century Club in Manville, New Jersey, and served as President of the Men's Club of Fanwood, New Jersey, for two terms (1937-1939). Mr. Badollet is listed in American Men of Science, Who's Who in the East, and Who's Who in Engineering.

**Single revolving disc asbestos fiber grinder, dry type**



To reduce fiber particles—3/16". Available with 3" or 6" feed screw and feed opening.

We are manufacturers of Quebec Standard Asbestos Testing Machine, according to the specifications issued by the National Research Council of Canada, Ottawa.

Write for full information.

**LA FONDERIE DE THETFORD**  
Thetford Mines, P.Q., Canada

# MARKET CONDITIONS

## GENERAL BUSINESS.

As this is written the Presidential election is almost two weeks behind us and, except for a sharp upturn in the stock market which started before the election and now seems to have levelled off, nothing in the general business picture has changed sufficiently to indicate general strengthening of the economic situation. Retail auto sales were strong in the first few weeks of November but steel output continued to decrease slowly with no sign of an upturn in sight.

The gold market in London gyrated rather wildly based on belief that the U. S. would possibly devalue the dollar if the Democratic nominee were elected. It is true that the outflow of gold from this country presents serious problems for the U. S. both internally and in relation to the rest of the world. Our balance of payments has been unfavorable for about ten years. Any inflationary measures taken to combat recessionary economic trends here can only cause an increase in outflow of gold, as foreign interests, in alarm, would withdraw deposits from here. We can only hope the new administration will take positive action in this situation to reestablish foreign confidence in the dollar and in the economic strength of the United States.

## ASBESTOS—RAW MATERIAL.

October asbestos fibre shipments for the industry at 94,284 tons were 9,142 tons or 17% higher than the same period last year. Shipments to the end of October are running 84,424 tons or approximately 12% ahead of 1959 to date. This trend is expected to continue for the balance of the year.

The export fibre market continues to be very active and it is expected 1960 shipments will surpass those of 1959 by a considerable margin.

## ASBESTOS—MANUFACTURED GOODS.

*Asbestos Textiles.* The present market situation is





***asbestos cement department***

**10, VIA SANTA TERESA  
TURIN, ITALY**

**Manufacturers of all types  
of  
Fully Automatic**

***asbestos cement machinery***

**Daily output guaranteed according to the  
International Standard Specification:**

**150 ton high pressure pipes**

**300 ton flat and corrugated sheets**

very slow and is not expected to improve for the rest of the year.

*Asbestos Paper.* Orders for this material are about the same as for the first part of the year and competition remains keen for that business which is available. No great change is expected for the remainder of this year. Orders for *Asbestos Millboard* have slowed down somewhat. This may be due to general business activity and changeovers in some of the manufacturing plants where this product is used. A slight increase in volume is anticipated for the rest of this year.

*Asbestos-Cement Products.* The market situation is much the same as it has been for many months, that is, capacity far exceeding demand on residential building products, but with fair levels of activity on products used in industrial and commercial construction. A slight improvement is expected for the balance of the year.

*High Pressure Insulation.* Orders for this material are coming in at about the same rate as during the past month. This situation is expected to continue for the balance of the year.

*Shingles—Roofing & Siding.* Asbestos Siding volume is lower than the same period of 1959, and no great change is expected for the remainder of the year.

*Asbestos Pipes.* The current market situation remains the same as last month and may continue at this level for the next few months.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

## ASBESTOS BULLETIN

A new journal bringing in each issue abstracts of over 100 patents and articles on the mining and processing, and uses of asbestos. Special chapters on mining, asbestos cement, asbestos textiles, and friction material, reinforced plastics, and plastics building and insulating materials. Yearly subscription £9 -15- Od from:

ASTEX PUBLISHING CO.,  
22/23, NORTH STREET, GUILDFORD, ENGLAND

## **All machinery for the equipment of plants producing asbestos-cement pipes and sheets**

covering the entire production process from the stock preparation to the testing of the finished product.

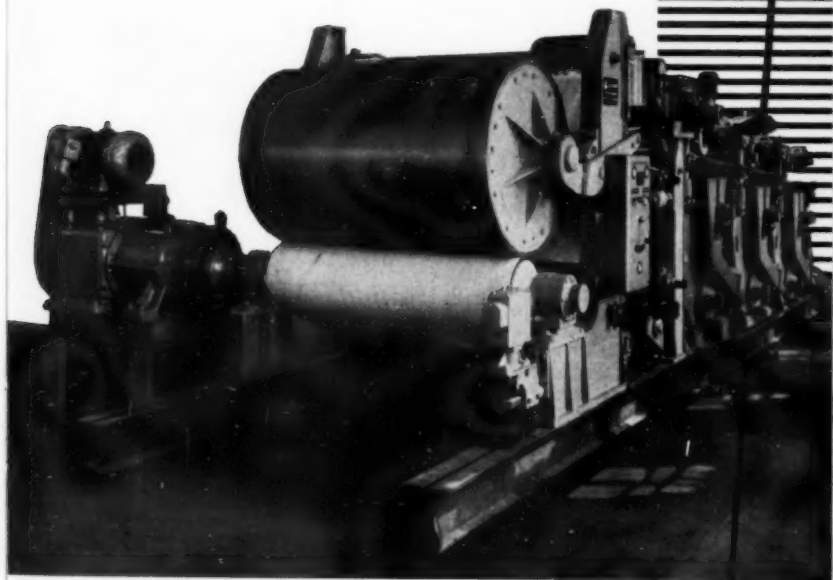
**All machinery for wet or dry preparation of asbestos-cement / Asbestos silos.**

**Sheet producing machines with one to three cylinder moulds, automatic or semi-automatic combined production lines for flat and corrugated sheets.**

**Piling equipment combined with cleaning and lubricating machinery for flat and corrugated steel sheets, suitable also for automatic operation / punching and trimming machines / hydraulic presses.**

**Pipe winding machines for the production of pressure pipes of up to 5 metres (16 ft. 5 in.) length and 1000 millimetres (3 ft. 3 in.) dia / lathes for pipes and joints / cut-off grinders / testing presses for pipes and joints / calenders for the forming of plain and joint-fitted pipes / mandrel pull off machines / autoclaves for hardening of asbestos-cement sheets and pipes as well as many other units, pumps and accessories.**

**Leaflets describing individual machines will be readily sent on request.**



# **J.M.VOITH A.G.**

**St. Poelten - Austria**

**P. O. B. 168 / Tel. 2501 / Teletype 01510**

**SM 746 e**

THOMAS A. MARSHALL, JR. has been elected *American Society for Testing Materials* Executive Secretary by the Society's Board of Directors, effective October 15, 1960.

FRED F. VAN ATTA, formerly Assistant Secretary of ASTM, was elected to the post of Treasurer with responsibility for the business operations of the Society.

ROBERT J. PAINTER, until recently Executive Secretary and Treasurer, who has vacated these positions for health reasons, will continue as Consultant to the Executive Secretary. He will be especially concerned with the Society's long-range planning program.

RAYMOND E. HESS will continue as Associate Executive Secretary. As Technical Secretary and Editor-in-Chief, Mr. Hess is responsible for the technical activities and publications of the Society.

## **SURVEYER, NENNIGER & CHÉNEVERT**

**Complete Consulting Engineering Services  
for the Asbestos Industry**

One of our Completed Projects: - Mill No. 5  
for Johns-Manville at Asbestos, Que., Canada

**1440 St. Catherine Street West,  
Montreal 25, Que., Canada**

**Ottawa - MONTREAL - Baie-Comeau**

# ONE STANDARD



## WORLD WIDE

Wherever you order *Gold Bond® asbestos fibres* you'll get the same top quality material we supply to our U. S. customers and plants. You'll also get prompt shipment and efficient service. For complete details, write National Asbestos Mines Ltd., Thetford Mines, P. Q., Canada. (Subsidiary of National Gypsum Company).

a step ahead of tomorrow



## BUILDING

Sharp gains in contracts for commercial buildings and highways boosted total construction contracts in October to a new all-time record for the month, F. W. Dodge Corporation reported. The October awards totalled \$3,319,145,000, up 6% over the same month last year.

Commenting on the figures, Dr. George Cline Smith, Dodge vice president and chief economist, pointed out that the contracts awarded in October indicate high levels of construction activity for many months to come. This activity will help to insure that the current business dip will be quite mild and of short duration since construction is the nation's largest fabricating industry. Contracts for non-residential buildings in October rose 16% above the comparable month last year. As indicated above, commercial building contracts led the way, with notable gains also registered for hospitals, recreational, public and educational buildings. In contrast, manufacturing building and religious building contracts fell somewhat below a year ago. Heavy engineering contracts in October soared 24% over October 1959, sparked by a 47% rise in contracts for streets and highways. Contracts for residential buildings in October were down 8% from October 1959. Although still below a year ago, residential building contracts in recent months have edged closer to last year's levels. The October drop of 8% compares with a 14% decline for the first ten months as a whole. The number of dwelling units represented by the October residential contracts totalled 97,121, down 10% from a year ago. Contracts for apartment units rose 26%, while single family homes remained well below last year.

A summary of the latest figures follows: non-residential building, \$1,164,699,000, up 16%; residential building, \$1,390,402,000, down 8%; heavy engineering \$764,044,000, up 24%—total construction, \$3,319,145,000, up 6%.

Cumulative totals for the first ten months of 1960 with percentage changes from the corresponding period of last year, were: non-residential building, \$10,358,500,000, up 5%; residential building, \$13,006,031,000, down 14%; and, heavy engineering, \$7,422,994,000, up 9%—total construction, \$30,787,525,000, down 3%.

THE CAPE ASBESTOS COMPANY LIMITED, of London, England, has made an agreement with the Nippon Asbestos Company Limited, of Tokyo, Japan, to manufacture its "Caposite" amosite asbestos pipe sections and blocks in Japan. Nippon Asbestos are the foremost manufacturers of insulation materials and general asbestos goods in their country and the fact that they have decided to add "Caposite" to their already extensive range reflects great credit on the properties of this product. Nippon Asbestos will manufacture "Caposite" to the approved Cape Asbestos standards and they are at present installing a pipe machine which was made for them at Cape's Barking Works. The machine will be located at their factory at Oji. It is confidently anticipated that the plant will be expanded in the near future.

The *Chamber of Commerce of the United States* has announced the publication of the Fourteenth edition of the FOREIGN COMMERCE HANDBOOK. This 155-page booklet contains a compilation of latest developments in foreign trade practices, procedures and services, as well as other information useful to business firms, organizations, and individuals engaged in world trade.

Also included are an extensive bibliography of over 600 selected reference works on trade and an appendix listing foreign chambers of commerce in the United States, American chambers of commerce abroad, and foreign embassies and legations in the United States.

Copies are available at \$2.00 each from the Foreign Commerce Department, Chamber of Commerce of the United States, 1615 H Street, N.W., Washington 6, D.C.

### ARIZONA FIBER

Carded to your specifications. Crudes and Fiberized.  
Low calcium and iron. Your inquiries invited.

### LE TOURNEAU ASBESTOS CORPORATION

P. O. Box 812  
Globe, Arizona

## CANADA'S ASBESTOS PRODUCTS — 1958

The Asbestos Products Industry — 1958, a ten page folder issued recently by the Dominion Bureau of Statistics at Ottawa, gives various statistics concerning Canada's asbestos manufacturing industry. Briefly, a few figures are of special interest; factory shipments by the manufacturers of asbestos goods in Canada in 1958 were valued at \$27,609,862 as compared with \$29,988,123 in 1957.

Divided as to products, these figures will be of more than usual interest:

	1958	1957
	Value of Factory Shipments	Value of Factory Shipments
Asbestos Brake Linings		
Moulded .....	\$ 3,398,092	\$ 3,238,887
Other .....	305,311	343,161
Asbestos Boiler & Pipe		
Covering .....	880,872	1,786,790
Asbestos Gaskets .....	93,714	110,364
Asbestos Packings (all kinds) ..	654,513	692,265
Asbestos Textile Products .....	4,091,471	5,100,432
Asbestos Paper Products		
(Millboard & Paper) .....	641,104	562,264
All other Products .....	17,544,785	18,153,960
	<hr/> \$27,609,862	<hr/> \$29,988,123
	1958	1957
Number of Plants .....	16	17
Average Number of Employees ..	1,924	2,222
Salaries and Wages .....	7,545,988	8,311,653
Cost of Fuel & Elec. at Plant ....	879,444	853,483
Cost of Materials at Plant .....	12,236,863	13,693,806
Gross Selling Value of Products	27,609,862	29,988,123

Sixteen factories were included in this industry in 1958, of which 8 were located in Ontario, 5 in Quebec, 2 in British Columbia and 1 in Nova Scotia.

Other tables, concerning imports, exports, materials used in the Asbestos Products Industry, etc., are included in the pamphlet which may be obtained from the Dominion Bureau of Statistics, Industry and Merchandising Division at Ottawa for 25¢. Ask for "The Asbestos Products Industry — 1958".



GARLOCK INC. expanded the capacity of its asbestos weaving operations making it possible to begin marketing a full line of plain weave asbestos cloth. Garlock, the world's largest producer of gaskets, packings and sealing devices of all types, uses the material as a component for a great many of its gasketing and soft packing products. During the past two years the installation of new equipment, improved equipment layout and material flow and handling procedures, have for the first time allowed the company to produce asbestos cloth beyond its own requirements.

Further information on specific plain weave asbestos fabrics may be obtained by writing to Garlock Inc., 456 Main Street, Palmyra, New York.

**NO OTHER BUILT-UP ROOF LIKE THIS ONE!** is the title of a very interesting article which appeared in the November 1960 issue of the "*American Roofer & Building Improvement Contractor*". This article describes the new gleaming white, barrel-type, Johns-Manville built-up roof, put up by Columbia Cornice Company, which protects the nation's first fully automated Post Office in Providence, Rhode Island.

The United States Government is printing an illustration of this roof (the only built-up roof of its kind in the United States) on postage stamps. It will be the first time that a picture of a roof has appeared on a postage stamp.

Interested readers may borrow a copy of this article by writing—"ASBESTOS", 807 Western Saving Fund Building, Philadelphia 7, Pennsylvania.

**ASBESTOS FIBRES**  
**ASBESTOS WASTE**  
**Frank G. Ruggles Co. Inc.**  
**26 BROADWAY**  
**NEW YORK 4, NEW YORK**

# **PRODUCTION STATISTICS**

## AFRICA (Rhodesia)

(Published by Rhodesian Mining and Engineering)

*Tons 2,240 lbs.*

Production for September 1960 .....	11,827.03
Valued at .....	£701,960.00
Production for September 1959 .....	9,587.35
Valued at .....	£583,457.00

## CANADA

(Dept. of Mines, Province of Quebec)

*Tons 2,000 lbs.*

Production for September 1960 (Quebec) .....	101,157
Other Provinces .....	4,532
	105,689

Total production for September 1959 was 98,363 tons.

## UNION OF SOUTH AFRICA

(Quarterly Information Report—Dept. of Mines)

*Tons 2,000 lbs.*

2nd Quarter (April, May & June 1960)					
	Production	Local Sales		Exports	
	Tons	Tons	Value	Tons	Value
Amosite ....	18,220	75	£ 2,963	16,363	£ 774,666
Chrysotile ...	7,206	695	16,806	6,687	380,538
Cape Blue ...	15,686	479	32,511	15,839	1,167,314
Transvaal Blue	3,094	12	693	2,055	147,649
Tremolite ....	..	8	156	..	..
	44,206	1,269	£53,129	40,944	£2,470,167

---

## ARIZONA ASBESTOS

Mined and Milled by

### JACQUAYS MINING CORPORATION

1219 S. 19th Avenue  
PHOENIX, ARIZONA



Producers of Soft, Low Iron, White Chrysotile  
Crudes and Filter Fibre

**MINES AND MILL IN GILA COUNTY**



## Imports Into U.S.A.

(Figures by Bureau of Census)

### Unmanufactured Asbestos:

	July 1960 Tons (2,240 lbs.)
From: Canada .....	40,398
Union of South Africa .....	3,308
Yugoslavia .....	646
Australia .....	362
United Kingdom .....	136
Rhodesia (Ny) .....	98
Other Countries .....	5

44,953

Valued at: .....\$4,759,925

### By Grades:

Crude, No. 2, Chrysotile .....	5
Crude, Other, Chrysotile, Yugoslavia .....	646
Crude, Other, Chrysotile, U. of S. Africa .....	246
Crude, Other, Chrysotile, Rhodesia (Ny) .....	98
Crude, Blue, Australia .....	362
Crude, Blue, Union of South Africa .....	943
Crude, Amosite, United Kingdom .....	60
Crude, Amosite, Union of South Africa .....	1,577
Textile Fiber, Chrysotile, Canada .....	1,145
Shingle Fiber, Chrysotile, Canada .....	5,609
Paper Fiber, Chrysotile, Canada .....	2,912
Other Fibers, Chrysotile, Canada .....	30,732
Other Fibers, Chrysotile, United Kingdom .....	76
Other Fibers, Chrysotile, U. of S. Africa .....	542

44,953

### Manufactured Asbestos Goods:

	July 1960 Quantity (lbs.)	Value
Asbestos Yarn, Israel .....	21,577	\$ 10,305
Asbestos Yarn, Other Countries .....	16,391	12,289
Asbestos Packing .....	1,183	2,190
Asbestos Shingles (Impreg.)		
Belgium .....	799,138	130,884
Other Countries .....	19,953	3,309
Asbestos-Cement Pipe & Fittings		
(Not Impreg.), Mexico .....	1,377,820	111,209
Belgium .....	2,580,449	197,584
W. Germany .....	2,167,510	105,144

# GEBR. WEHRHAHN

MASCHINENFABRIKEN

P. O. Box 209

DELMENHORST / GERMANY

Manufacturers of the finest and most modern plants for the production of asbestos-cement products, such as

 pressure pipes

socket pipes

flat and corrugated sheets

Projecting — Erecting — Handing over  
in ready-for-operation condition

Get full information! Write now!



Italy .....	2,642,747	114,688
Israel .....	912,063	41,372
Other Countries .....	347,660	19,018
Asbestos-Cement Mfgs. Other (Not Impreg.) .....	214,057	7,519
Asbestos Manufactures — Others .....	..	3,149
	<hr/> 11,100,548	<hr/> \$758,660

#### IMPORTS OF ASBESTOS BY UNITED KINGDOM

##### *Raw Materials*

*Tons 2,240 lbs.*

	September 1960
From: Union of South Africa .....	3,731
Basutoland, Bechuanaland & Swaziland .....	1,723
Rhodesia & Nyasaland .....	2,966
Canada .....	5,529
Other Commonwealth Countries & Irish Republic .....	89
Foreign Countries .....	287
	<hr/> 14,325

#### Exports from U.S.A.

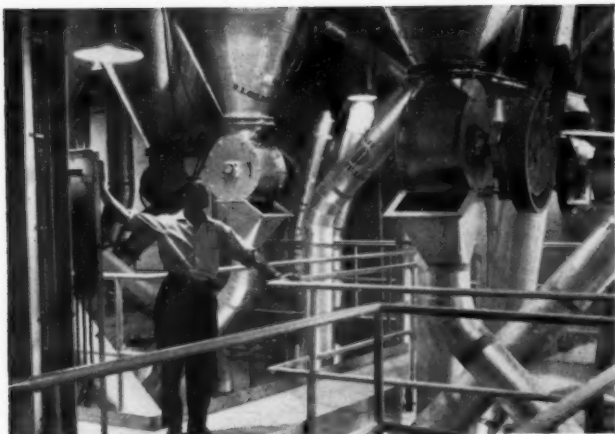
(Figures by Bureau of Census)

##### *Unmanufactured Asbestos:*

	August 1960	
	Tons (2,240 lbs.)	Value
To: Canada .....	320	\$ 82,168
Central America & Mexico .....	97	22,414
Europe .....	93	16,850
United Kingdom .....	18	1,830
Other Countries .....	10,109	16,490
	<hr/> 10,637	<hr/> \$139,802

##### *Manufactured Asbestos Goods:*

	August 1960	
	Quantity	Value
Asbestos Cement & Pipe Covering ..Lbs.	407,059	\$ 93,336
Asbestos Textiles & Yarn .....	30,779	47,651
Asbestos Packing .....	93,152	158,050
Asbestos Clutch Facing .....	87,528	72,193
Asbestos Bk Lng (Mld & S.Mld) ..Lin. Ft.	149,742	60,581
Asbestos Brake Lining, Other .....	299,708	260,573
Asbestos Construction Material .....	1,789,395	206,314
Asbestos Manufactures — Others .....	..	60,512
		<hr/> \$959,216



*Established source, volume source,  
independent source of proven-quality  
chrysotile asbestos fibre*

With an annual productive capacity of 100,000 tons of high grade asbestos, Lake Asbestos of Quebec is an established supplier of high grade asbestos for world wide use. Write for information to Asarco International Corporation, 120 Broadway, New York 5, N. Y., distributor for LAQ.

**Overseas Sales Agents:**

**ARGENTINA**  
(for Argentina, Uruguay)  
Ladislao Kohn, Buenos Aires

**AUSTRALIA**  
Mount Isa Mines Ltd., Sydney

**BRAZIL**  
"Brasimet" Comercio e  
Industria S. A.,  
Rio De Janeiro, Sao Paulo

**CHILE**  
Agencies Kapel Ltda., Santiago

**COLOMBIA**  
Holanda Colombia, S. A.,  
Barranquilla

**ENGLAND**  
(for U. K., Spain, Portugal)  
Metal Traders Ltd.  
Asbestos Division, London

**FRANCE**  
Dieppedalle & Seailles, Paris

**HOLLAND**  
(for The Netherlands,  
Belgium, Switzerland)  
Keyser and Mackay,  
Amsterdam

**ITALY**  
Amianto Del Lago, Torino

**JAPAN**  
C. Itoh Co., Ltd., Tokyo & Osaka

**NORWAY**  
Astrup & Son, Oslo

**SWEDEN**  
Aktiebolaget  
Ingenjorsfirman Titan,  
Stockholm

**WEST GERMANY**  
(for W. Germany, Austria)  
Atlanta Bauer & Co., Bremen

**LAKE ASBESTOS OF QUEBEC, LTD.**  
a subsidiary of American Smelting and Refining Company

**ASARCO**

## Exports From Canada

(Published by Dominion Bureau of Statistics)

### Unmanufactured Asbestos:

	August 1960	
	Tons (2,000 lbs.)	Value
<i>Crude</i>		
United States .....	..	\$ ..
United Kingdom .....	..	..
South America .....	..	..
Central America & Mexico .....	..	..
European Countries .....	5	4,215
Other Countries .....	10	7,960
	15	\$ 12,175
<i>Milled</i>		
United States .....	11,421	\$ 2,225,441
United Kingdom .....	3,332	663,622
South America .....	2,955	541,017
Central America & Mexico .....	924	158,316
European Countries .....	16,134	2,996,373
Other Countries .....	9,078	1,397,990
	43,844	\$ 7,982,759
<i>Shorts</i>		
United States .....	41,200	\$ 2,139,452
United Kingdom .....	2,780	148,143
South America .....	589	39,190
Central America & Mexico .....	443	33,621
European Countries .....	7,197	371,071
Other Countries .....	4,442	355,854
	56,651	\$ 3,087,331
<i>Grand Total—</i>		
<i>Unmanufactured Asbestos:</i> .....	100,510	\$11,082,265
<i>Manufactured Asbestos Goods:</i>		
Brake Lining .....		\$ 30,896
Packing .....		1,988
Other Materials .....		273,329
		\$ 306,213

**WILHELM BURG DORF**

*Importer of Raw Asbestos*

P. O. Box 1131, BREMEN, GERMANY



# **BELL ASBESTOS MINES LTD.**

**THETFORD MINES, QUE.**

**CANADA**



***Producers of  
Raw Asbestos Crudes  
& Fibres***



***Sales Representatives***

***for***

**Cassiar Asbestos Corporation Limited**

## NEWS OF THE INDUSTRY

---

### HAPPY BIRTHDAY

- Joseph Poulin, President, Asbestonos Corporation Limited, St. Lambert, Montreal, Canada, December 15.
- F. M. L. Olsen, Secretary, The Cape Asbestos Company Limited, London, England, December 18.
- George J. Pecaro, President, The Flintkote Company, New York City, December 20.
- Harry C. Redstone, Secretary, Asbestos Distributors, Inc., Port Chester, New York, December 20.
- Edwin E. Hokin, President, Union Asbestos & Rubber Company, Chicago, Illinois, December 21.
- Geo. N. Clark, Clark Asbestos Company, Cleveland, Ohio, December 22.
- Robert L. Clark, Treasurer & Chairman of the Board, The Clark Asbestos Company, Cleveland, Ohio, December 22.
- Al Kevelson, Ace Asbestos Manufacturing Company, Jersey City, New Jersey, December 24.
- Jacob P. Epstein, President, Empire Asbestos Products, Inc., Glendale, Long Island, New York, December 25.
- Joseph J. Kelly, Secretary-Treasurer, Western Asbestos Company, San Francisco, California, December 25.
- Matthew J. Fitzgerald, President, Standard Asbestos Manufacturing Company, Chicago, Illinois, December 27.
- Fred A. Mett, President, Powhatan Mining Corporation, Baltimore, Maryland, December 29.
- P. S. Nash, Vice President, Union Asbestos & Rubber Company, Chicago, Illinois, December 31.
- Robert G. Beldam, Managing Director, Beldam Asbestos Company Limited, Hounslow, England, January 3.
- Dwight H. Ruh, General Sales Manager, Sall Mt. Division—Nicolet Industries, Inc., Hamilton, Ohio, January 3.
- A. C. M. Cornish-Bowden, Director, The Cape Asbestos Company Limited, London, England, January 4.
- S. D. H. Pollen, Director, The Cape Asbestos Company Limited, London, England, January 4.
- Harold O. Weise, Vice President, Tilo Roofing Company, Stratford, Connecticut, January 4.
- William L. Keady, Director, Fibreboard Paper Products Corporation, San Francisco, California, January 5.
- Rupert St. G. Riley, Sales Director, The Cape Asbestos Company Limited, London, England, January 6.
- James B. Anchors, Vice President & General Sales Manager, Kelley Asbestos Products Co., Kansas City, Missouri, January 7.
- M. E. McCrosson, Vice President—Textile Division, The Russell Manufacturing Company, Middletown, Connecticut, January 7.



Exporters of

## RAW ASBESTOS

ALL GRADES—ALL TYPES

**C. J. PETROW & COMPANY** (PTY.)  
LTD.

P. O. BOX 11000

RAND CENTRAL — 165 JEPPE STREET

**JOHANNESBURG - SOUTH AFRICA**

OFFICES ALSO IN: TOKYO (JAPAN) AND BULAWAYO (SO. RHODESIA)

## INDUSTRIAL SERVICE COMPANY

Builders of

### ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

1-51 Paterson Avenue

E. Rutherford, N. J.

## CURRENT RANGE OF PRICE

As of December 10, 1960

### ARIZONA—

Per Ton of 2,000 lbs., f.o.b. Globe, Arizona

No. 1 Crude (soft)	\$1,475.00 to \$1,800.00
No. 2 Crude (soft)	830.00 to 1,050.00
Group-3 (Filtering & Spinning)	350.00 to 450.00
Group-4 (Plastic & Filtration)	190.00 to 250.00
Group-5 (Plastic & Moulding)	125.00 to 177.00
Group-7 (Refuse & Shorts)	60.00 to 100.00

### CANADA—

Per Ton 2,000 lbs. f.o.b. Mine  
Canadian Currency

Group No. 1 (Crude No. 1)	\$1,410.00 to \$1,475.00
Group No. 2 (Crude No. 2); Crude Run-of-Mine and Sundry	610.00 to 875.00
Group No. 3 (Spinning Fibre)	350.00 to 650.00
Group No. 4 (Shingle Fibre)	180.00 to 245.00
Group No. 5 (Paper)	120.00 to 150.00
Group No. 6 (Waste, Stucco or Plaster)	.. 86.00
Group No. 7 (Refuse or Shorts)	40.00 to 80.00

### VERMONT—Per ton of 2,000 lbs. f.o.b. Hyde Park or Morrisville, Vt.

Group No. 3 (Spinning & Filtering)	\$ 353.00 to \$ 440.00
Group No. 4 (Shingle Fibre)	181.00 to 218.00
Group No. 5 (Paper Fibre)	120.00 to 142.00
Group No. 6 (Waste, Stucco or Plaster)	.. 86.00
Group No. 7 (Refuse or Shorts)	41.00 to 75.00

## NEWARK HAIR FELT COMPANY

LOW TEMPERATURE INSULATION

1000 Maple Avenue  
LANSDALE, PENNA

## ENGINEERS

to \$11,200  
FEE PAID

Excellent opportunity with established company in suburban New York area for men with experience in asbestos products. Openings in Market Development, Sales Service, Field Research or Project Direction.  
Please phone or write R. B. Duffy

### ENGINEERING

Employment Service, Inc. (Agency)  
217 Broadway, New York, New York  
CO 7-5640

**RAW ASBESTOS DISTRIBUTORS**

L I M I T E D

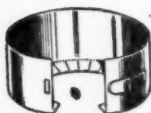
FOR CANADIAN, RHODESIAN  
AND SOUTH AFRICAN ASBESTOS

ASBESTOS HOUSE • 77-79 FOUNTAIN ST. • MANCHESTER 2  
E N G L A N D

## ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

November 1960				
	Par	Low	High	Last
Advocate Mines, Ltd. ....	1	\$2.85	\$3.35	\$2.85
American Brake Shoe .....	np	36½	38¼	37⅞
Armstrong Cork (Com) .....	1	44%	48¾	48¾
Armstrong Cork (Pfd) .....	np	77½	80½	78
Asbestos Corporation .....	np	25	26	25½
Philip Carey .....	10	23½	26%	25½
Cassiar Asbestos Corp. ....	np	12¾	13¾	13½
Celotex (Com) .....	1	20½	23¼	21½
Celotex (Pfd) .....	20	17	18	17¾
Certain-Teed .....	1	11¾	13¾	13¼
Fibreboard .....	np	24¾	29%	25¾
Flintkote (Com) .....	5	23½	26½	24¾
Flintkote (Pfd) .....	np	81½	84	82½
Johns-Manville .....	5	50½	55%	54½
National Gypsum (Com) .....	1	49	55	54½
National Gypsum (Pfd) .....	np	91	96	92½
Porter, H. K. ....	100	89¾	90	89½
Raybestos-Manhattan .....	np	57	59½	57¾
Ruberoid .....	1	32	37¼	37¼
Unarco .....	5	6%	7%	6%
United Asbestos .....	1	\$3.40	\$3.95	\$3.75
U. S. Gypsum (Com) .....	4	88%	106½	101½
U. S. Gypsum (Pfd) .....	100	152	159	153
U. S. Rubber (Com) .....	5	41¾	46%	42
U. S. Rubber (Pfd) .....	100	151½	155	151½



## PIPE COVERING PROTECTORS

*The "Royal" All Aluminum Adjustable  
and Permanent Protector for Pipe  
Covering-ends. Easy to Apply . . . Prompt Shipment.*

**THE PROTECTOR CO. • GRANT WILSON, INC.**  
SO. BOSTON 27, MASS. CHICAGO 4, ILL.



Drastic reduction of heat loss with  
**PABCO PRECISION-MOLDED CALTEMP**  
 a Calcium Silicate Insulation

When vapors or liquids are conveyed or held at temperatures up to 1900° F.—when equipment is operated to high heat levels—Pabco insulations cut heat losses to absolute minimums. "Precision-Molded" by a patented process, Pabco's Caltemp and 85% Magnesia pipe and block insulations control temperatures within close tolerances. For data on technical advantages, case histories, or engineering consultation, write . . . or call a Pabco insulation engineer.

**PABCO**  
 INDUSTRIAL INSULATIONS DIVISION

Fibreboard Paper Products Corporation  
 San Francisco 19 • Chicago 54  
 Houston 4 • New York 16 • Los Angeles

**INSULATION GUIDE**

Temperature	Recommended Pabco Insulation
to 550° F.	85% Magnesia pipe covering • block • cement
to 1200° F.	Caltemp pipe covering • block • cement
to 1500° F.	Prasco 15 C pipe covering • block • cement
to 1900° F.	Prasco 19 C block

**August A. F. Schmidt** has been appointed as Sales Manager of **GRANT WILSON, INCORPORATED**. Mr. Schmidt, who has an excellent background in Sales, Merchandising and Research, will be located at the Executive Offices in the Board of Trade Building, Chicago, Illinois.

#### **ASBESTOS CHAPTER**

Preprint from 1959 Minerals Yearbook

The 1959 Chapter on Asbestos from the U. S. Minerals Yearbook, published annually by the U. S. Bureau of Mines, has just arrived. All "ASBESTOS" readers who have collected an Asbestos Library, will want a copy. Send 10¢ (in coin) to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

It contains salient statistics of the Asbestos Industry in the United States, including a table of World Production of Asbestos, (by countries), 1950 to 1959, inclusive.

Other information on the Asbestos Industry in 1959 which the pamphlet contains will, no doubt, be of interest to our readers.



## **WE'LL JUMP**

### **TO MEET YOUR SPECIAL NEEDS IN ASBESTOS TEXTILES . . .**

Just let "U. S." know your asbestos textile requirements. We'll break our necks to develop the special yarn, fabric or tape that does the job for you. Spinning and weaving closely controlled for maximum uniformity at our modern Hogansville, Ga. plant.



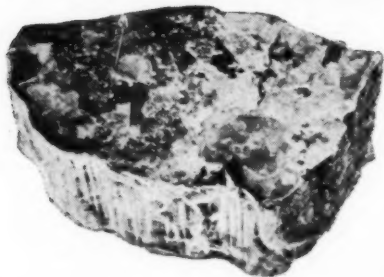
Write Asbeston Dept., Textile Division

## **United States Rubber**

Rockefeller Center, New York 20, N. Y.



Built on a rock



Crude Asbestos is the rock on which B.B.A. is built. We use it to make everything for which asbestos is best, from yarns and cloths to all types of jointings and packings —and the world famous MINTEX friction materials and MINTEX Industrial Plastics. Our factory leads in production; our Research Laboratories keep us at the head of development; Asbestos is our subject.

**British Belting & Asbestos Ltd**

CLECKHEATON · YORKSHIRE · ENGLAND

# TOPICAL INDEX

## ASBESTOS — For the Year 1960

### Africa

- Nov. 1960— 2 Whither Asbestos in Southern Africa

### Asbestos-Cement Products

- Feb. 1960—24 A-C Products Association Model Home  
 Apr. 1960—12 Felt Installation and its Importance to  
                   Asbestos-Cement Machine Operation  
 Apr. 1960—40 Canadian Specifications

### Asbestos in Various Industries

- May 1960—24 New Research Development—J-M Asbestos  
                   Fibre in Asphalt Paving  
 May 1960—36 New J-M Asbestos Plastic-Felt "Thermomat"  
                   Forms Vital Parts for Rockets &  
                   Missiles  
 Aug. 1960— 2 Asbestos in the Chemical Industry

### Blue Asbestos

- Jul. 1960— 2 The Outlook For Crocidolite Asbestos

### Cement (Asbestos)

- June 1960— 8 Developments in the Asbestos-Cement Field  
 Nov. 1960—14 The New "Hipres Process for the Manufac-  
                   ture of A-C Fittings by Injection

### Chrysotile

- Apr. 1960— 2 The Development of Chrysotile in Southern  
                   Rhodesia

### Finland

- Mar. 1960—12 The World's First Asbestos Merchants

### General Articles on Asbestos

- June 1960— 2 Automation and High Speed in Asbestos  
                   Fibre Spinning  
 Sept. 1960— 2 Marketing Asbestos  
 Oct. 1960— 2 The Life of Asbestos

### Histories of Firms

- Feb. 1960—29 Robert A. Keasbey Co.—75th Anniversary

### Insulation

- Mar. 1960—26 Unarcoboard—Insulating Sheet  
 May 1960—20 Insulation Selected on Basis of Efficiency  
                   at Lake Charles Refinery  
 Nov. 1960—22 Atlas Asbestos Company Limited—Two New  
                   High Temperature Insulations

### Milling Asbestos

- Mar. 1960— 2 Milling Asbestos Ore in Canada

### Mining Asbestos

- Aug. 1960—10 Improved Type of Hammer Mill (especially  
                   for mining asbestos)

### Various Locations of Asbestos

- Apr. 1960—22 Murray Mining Corporation Limited—  
                   Asbestos Project  
 May 1960— 2 Notes on Asbestos Developments in  
                   California

## Cut shipboard insulation costs with R/M lagging cloths



Raybestos-Manhattan manufactures *all* asbestos cloths indicated in the expanded Federal Specification SS-C-00466b (Navy—ships) dated Feb. 3, 1960, covering cloth, thread and tape—*asbestos*.

Our widely used SRC finish on the shipboard lagging cloths covered by this specification improves appearance, reduces paint absorption (only one coat needed), prevents raveling, speeds installation aboard ship and in steam power plants.

Samples of any of these cloths are available upon written request. An R/M salesman will be glad to call on you with complete information.



**ASBESTOS TEXTILE DIVISION  
RAYBESTOS-MANHATTAN, INC.**

Manheim, Pa.

**SPECIALISTS IN ASBESTOS, RUBBER, SINTERED METAL, ENGINEERED PLASTICS**

# ASBESTOS — TEXTILES



**H. K. PORTER COMPANY, INC.**

THERMOID DIV., CHARLOTTE WORKS

CHARLOTTE 1, N. C.

